L Numb r	Hits	S arch Text	DB	Tim stamp
Numb r 5	Hits 33	(US-6375552-\$ or US-6178585-\$ or US-6048794-\$ r US-5836806-\$ or US-5954975-\$ r US-6046099-\$ or US-5516346-\$ r US-5354712-\$ or US-5340370-\$ or US-6037263-\$ or US-6410984-\$ or US-5985749-\$ or US-5981380-\$ or US-5847463-\$ or US-5994183-\$ or US-65087257-\$ or US-6077337-\$ or US-6137176-\$).did. or (US-6194304-\$ or US-6137176-\$).did. or (US-20010020715-\$ or US-20020068433-\$ or US-20020097534-\$).did. or (US-6375552-\$ or US-6178585-\$ or US-6048794-\$ or US-5954975-\$ or US-6048794-\$ or US-5954975-\$ or US-6046099-\$ or US-5516346-\$ or US-5354712-\$ or US-5954975-\$ or US-6047263-\$ or US-5954975-\$ or US-604158-\$ or US-5981380-\$ or US-5985749-\$ or US-5981380-\$ or US-59847463-\$ or US-5994183-\$ or US-5803762-\$ or US-5994183-\$ or US-5803762-\$ or US-5994183-\$ or US-5803762-\$ or US-5994183-\$ or US-5803762-\$ or US-6077337-\$ or US-5087257-\$ or US-6077337-\$ or US-6087257-\$ or	USPAT; US-P PUB; JPO; DERWENT  USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	Tim stamp 2002/08/22 14:57  2002/08/22 14:58
	0	·	USPAT; US-PGPUB;	2002/08/16 15:14
	0	"09967094"	EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/08/16 15:42
	0	plug near10 tungsten near10 (tungsten adj silicide) n ar10 (dielectric r insulating) n ar10 barri r	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/16 15:44

-	42	plug sam tungsten sam (tungst n adj	USPAT;	2002/08/16
		silicid ) sam (di I ctric r insulating) sam barri r	US-P PUB; EPO; JPO; DERWENT;	15:52
-	1	plug n ar30 tungst n n ar30 (tungst n adj silicide) near30 (dielectric or insulating) near30 barrier	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/08/16 15:53
•	4183	(tungsten or W) and ((tungsten adj silicide) or (W adj Si)).ti,ab,clm.	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/08/16 15:54
-	3566	(tungsten or W) and ((tungsten adj silicide) or (W adj Si) and plug and barrier).ti,ab,clm.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/08/16 15:54
-	3561	(tungsten or W) and ((tungsten adj silicide) or (W adj Si) and (tungsten adj plug) and (barrier adj (layer or film))).ti,ab,clm.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/08/16 15:57
-	3561	((tungsten or W) and ((tungsten adj silicide) or (W adj Si) and (tungsten adj plug) and (barrier adj (layer or film))).ti,ab,clm.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/08/16 15:57
-	7	((tungsten) and ((tungsten adj silicide) and (tungsten adj plug) and (barrier adj (layer or film)))).ti,ab,clm.	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/08/16 16:00
-	0	(tungsten adj silicide) near tungsten near plug near barrier	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/08/16 16:01
-	3	(tungsten adj silicide) near5 tungsten near5 plug near5 barrier	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/08/16 16:01
-	4	(tungsten adj silicide) near10 tungsten near10 plug near10 barrier	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/08/16 16:03
			DERWENT;	

•	5	(tungst n adj silicid ) near10 plug n ar10	USPAT;	2002/08/16
		barri r	US-P PUB;	16:03
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
•	5	plug n ar10 barri r n ar10 (tungst n adj	USPAT;	2002/08/16
		silicide)	US-PGPUB;	16:03
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	7	plug near20 barrier near20 (tungsten adj	USPAT;	2002/08/16
		silicide)	US-PGPUB;	16:05
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
•	10	plug near30 barrier near30 (tungsten adj	USPAT;	2002/08/16
		silicide)	US-PGPUB;	16:06
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	69	plug same barrier same (tungsten adj	USPAT;	2002/08/16
		silicide)	US-PGPUB;	16:07
		,	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	8	barrier near (tungsten adj silicide) near	USPAT;	2002/08/16
		tungsten	US-PGPUB;	16:08
		<b></b>	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
•	116	barrier near5 (tungsten adj silicide) near5	USPAT;	2002/08/16
		tungsten	US-PGPUB;	16:08
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	9	barrier near5 (tungsten adj silicide) near5	USPAT;	2002/08/16
		tungsten near5 (via or hole or plug or	US-PGPUB;	16:10
		opening or contact or plug)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
	25	barrier near10 (tungsten adj silicide) near10	USPAT;	2002/08/16
		tungsten near10 (via or hole or plug or	US-PGPUB;	16:14
	ĺ	opening or contact or plug)	EPO; JPO;	- <del></del>
			DERWENT;	
			IBM_TDB	
•	35	barrier near20 (tungsten adj silicide) near20	USPAT;	2002/08/16
	33	tungsten near20 (via or hole or plug or	US-PGPUB;	16:17
				. 7111
		oponing of contact of play		
		opening or contact or plug)	EPO; JPO; DERWENT; IBM_TDB	

	560	tungst n n ar (tungst n adj silicid )	USPAT;	2002/08/16
		tunger in it di (tunger ii du) emelu /	US-PGPUB;	16:18
			EPO; JPO;	10.10
			DERWENT;	
			IBM_TDB	
_	115	(tungston n. or (tungston adjailed )) and		2002/00/46
-	113	(tungsten n ar (tungsten adj silicid )) and	USPAT;	2002/08/16
		(barrier adj (layer or film))	US-PGPUB;	16:18
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	54	((tungsten near (tungsten adj silicide)) and	USPAT;	2002/08/16
		(barrier adj (layer or film))) and (barrier	US-PGPUB;	16:18
		near5 tungsten)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	47	(((tungsten near (tungsten adj silicide)) and	USPAT;	2002/08/16
		(barrier adj (layer or film))) and (barrier	US-PGPUB;	16:19
		near5 tungsten)) and (contact or hole or via	EPO; JPO;	
		or opening or plug)	DERWENT:	
			IBM_TDB	
-	43	((((tungsten near (tungsten adj silicide)) and	USPAT;	2002/08/16
		(barrier adj (layer or film))) and (barrier	US-PGPUB;	16:19
		near5 tungsten)) and (contact or hole or via	EPO; JPO;	10.19
		or opening or plug)) and (insulating or	DERWENT;	
		dielectric)	IBM_TDB	
_	33	(((((tungsten near (tungsten adj silicide)) and	_	2002/00/46
_	33		USPAT;	2002/08/16
		(barrier adj (layer or film))) and (barrier	US-PGPUB;	16:25
		near5 tungsten)) and (contact or hole or via	EPO; JPO;	
		or opening or plug)) and (insulating or	DERWENT;	i i
		dielectric)) and (contact or hole or via or	IBM_TDB	
		opening or plug).ti,clm,ab.		
-	1884	(plug or contact or via or opening or hole)	USPAT;	2002/08/16
	]	near (barrier adj (layer or film))	US-PGPUB;	16:26
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	116	((plug or contact or via or opening or hole)	USPAT;	2002/08/16
		near (barrier adj (layer or film))) and	US-PGPUB;	16:28
		(tungsten and ((tungsten adj silicide) or (W	EPO; JPO;	
		adj Si)))	DERWENT;	
			IBM_TDB	
-	0	((plug or contact or via or opening or hole)	USPAT;	2002/08/16
		near (barrier adj (layer or film))) and	US-PGPUB;	16:28
		((tungsten and ((tungsten adj silicide) or (W	EPO; JPO;	
		adj Si))) near barrier)	DERWENT;	
		• ,,,,	IBM_TDB	
	19	((plug or contact or via or opening or hole)	USPAT;	2002/08/16
		near (barrier adj (layer or film))) and	US-PGPUB;	16:32
			· .	10.32
			1	
		anj viji i aiv vallicij	IBM_TDB	
		(tungsten and ((tungsten adj silicid ) or (W adj Si)) n ar5 barrier)	EPO; JPO; DERWENT;	

	476	(Assessed to add the second of	HCDAT	2002/00/45
-	178	(tungst n adj plug) near10 (barri r adj (lay r or film))	USPAT; US-P PUB; EPO; JPO; DERWENT;	2002/08/16 16:34
-	4	((tungsten adj plug) n ar10 (barri r adj (layer or film))) and (barrier adj (layer or film)) near5 ((tungsten adj silicide) or (W adj Si))	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/16 16:35
-	2	6048794.URPN.	USPAT	2002/08/16 16:34
-	197	(tungsten adj (plug or contact)) near10 (barrier adj (layer or film))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/16 16:36
-	6	((tungsten adj (plug or contact)) near10 (barrier adj (layer or film))) and (barrier adj (layer or film)) near5 ((tungsten adj silicide) or (W adj Si))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/16 16:37
-	224	(tungsten adj (plug or contact)) near20 (barrier adj (layer or film))	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/08/16 16:36
-	7	((tungsten adj (plug or contact)) near20 (barrier adj (layer or film))) and (barrier adj (layer or film)) near20 ((tungsten adj silicide) or (W adj Si))	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/08/16 16:38
-	558	(multilayer or multi-layer) near barrier	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/08/16 16:38
-	381	((multilayer or multi-layer) near barrier) and (barrier adj (film or layer))	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/16 16:38
•	9	(((multilayer or multi-layer) near barrier) and (barrier adj (film or layer))) and ((tungsten adj silicide) or (W adj Si))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/16 16:49
-	. 0	09/048574	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2002/08/16 16:49

-	0	9/048574	USPAT;	2002/08/16
			US-P PUB;	16:49
1			EPO; JPO;	
			DERWENT;	
ĺ			IBM_TDB	
	0	9/948574	USPAT;	2002/08/16
	•		US-PGPUB;	16:49
			EPO; JPO;	
İ			DERWENT;	
			IBM_TDB	
	1	09/948574	USPAT;	2002/08/16
	•		US-PGPUB;	16:49
			EPO; JPO;	
			DERWENT;	
			IBM TDB	